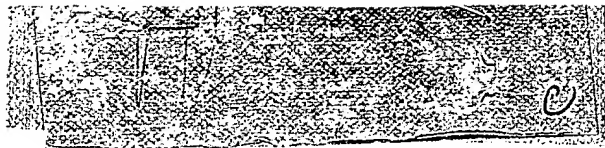


JCS12 U.S. PTO
09/289180



Class	Subclass	ISSUE CLASSIFICATION



PATENT NUMBER

6472164



6472164

U.S. UTILITY PATENT APPLICATION

Briefed in 1600

O.I.P.E. SCANNED <i>[Signature]</i> Q.A. <i>[Signature]</i>	PATENT DATE OCT 29 2002
--	----------------------------

SECTOR	CLASS 435	SUBCLASS 6	ART UNIT 1006	EXAMINER RAMM
--------	--------------	---------------	------------------	------------------

FILED WITH: ☐ DISK (CRF) ☐ FICHE
(Attached in pocket on right inside flap)

1052

PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION							
ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
435	25	435	189	325	252.3	3201	
INTERNATIONAL CLASSIFICATION		536	23.2				
C12Q	1/26						
C12N	9/02						
C12N	1/20						
C12N	15/52						
C12N	5/10						

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. 3	Figs. Drwg. 6	Print Fig. 1	Total Claims 6	Print Claim for O.G. 1
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed. <input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	<i>[Signature]</i> 2/20/02 (Assistant Examiner) (Date)			NOTICE OF ALLOWANCE MAILED 2/22/02	
	<i>[Signature]</i> PONNATHAPUACHUT MURTHY SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 1000 (Primary Examiner) 2/20/02 (Date)			ISSUE FEE JLG Amount Due 1200- Date Paid 522.00	
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.	<i>[Signature]</i> 2/26/02 (Legal Instruments Examiner) (Date)			ISSUE BATCH NUMBER	

WARNING:
The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A
(Rev. 6/98)

(LABEL AREA) D. RICH

(FACE)

Best Available Copy